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LOGINID:ssspta1611bxv

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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* * * * * * * * * *
                     Welcome to STN International
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                 Web Page for STN Seminar Schedule - N. America
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         APR 04
                 STN AnaVist, Version 1, to be discontinued
NEWS
         APR 15
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                 predefined hit display formats
         APR 28
NEWS
                 EMBASE Controlled Term thesaurus enhanced
NEWS
     5
         APR 28
                 IMSRESEARCH reloaded with enhancements
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                 INPAFAMDB now available on STN for patent family
                 searching
                 DGENE, PCTGEN, and USGENE enhanced with new homology
NEWS 7 MAY 30
                 sequence search option
NEWS 8 JUN 06
                 EPFULL enhanced with 260,000 English abstracts
NEWS
     9
         JUN 06
                 KOREAPAT updated with 41,000 documents
NEWS 10
         JUN 13 USPATFULL and USPAT2 updated with 11-character
                 patent numbers for U.S. applications
         JUN 19
NEWS 11
                 CAS REGISTRY includes selected substances from
                 web-based collections
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         JUN 25
                 CA/CAplus and USPAT databases updated with IPC
                 reclassification data
NEWS 13
         JUN 30 AEROSPACE enhanced with more than 1 million U.S.
                 patent records
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         JUN 30
                 EMBASE, EMBAL, and LEMBASE updated with additional
                 options to display authors and affiliated
                 organizations
NEWS 15
         JUN 30 STN on the Web enhanced with new STN AnaVist
                 Assistant and BLAST plug-in
NEWS 16 JUN 30 STN AnaVist enhanced with database content from EPFULL
NEWS 17
         JUL 28 CA/CAplus patent coverage enhanced
NEWS 18 JUL 28 EPFULL enhanced with additional legal status
                 information from the epoline Register
NEWS 19
         JUL 28 IFICDB, IFIPAT, and IFIUDB reloaded with enhancements
NEWS 20
         JUL 28 STN Viewer performance improved
NEWS 21
         AUG 01
                 INPADOCDB and INPAFAMDB coverage enhanced
NEWS 22 AUG 13 CA/Caplus enhanced with printed Chemical Abstracts
                 page images from 1967-1998
NEWS 23
         AUG 15
                 CAOLD to be discontinued on December 31, 2008
NEWS 24
         AUG 15
                 CAplus currency for Korean patents enhanced
NEWS 25
                 CA/CAplus, CASREACT, and IFI and USPAT databases
         AUG 25
                 enhanced for more flexible patent number searching
NEWS 26
         AUG 27
                 CAS definition of basic patents expanded to ensure
                 comprehensive access to substance and sequence
                 information
```

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=> file reg
COST IN U.S. DOLLARS

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FULL ESTIMATED COST

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=>

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```
chain nodes :
7  8  9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  34
ring nodes :
1  2  3  4  5  6
chain bonds :
1-7  7-8  8-9  9-10  10-11  11-12  12-13  12-34  14-15  16-17  18-19  20-21  22-23
22-24
ring bonds :
1-2  1-6  2-3  3-4  4-5  5-6
exact/norm bonds :
1-2  1-6  1-7  2-3  3-4  4-5  5-6  7-8  8-9  9-10  10-11  12-13  12-34  16-17
18-19  20-21  22-23  22-24
exact bonds :
11-12  14-15
isolated ring systems :
containing 1 :
```

G1:X,Cy,Ak,H,O,S,N

G2:[*1],[*2],[*3],[*4],[*5]

G3:0,S,N

Match level:

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 34:CLASS

L1 STRUCTURE UPLOADED

=> d 11

L1 HAS NO ANSWERS

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s 11 sss sam
SAMPLE SEARCH INITIATED 07:34:29 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 104 TO ITERATE

100.0% PROCESSED 104 ITERATIONS 2 ANSWERS SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE** BATCH **COMPLETE** PROJECTED ITERATIONS: 1469 TO 2691 PROJECTED ANSWERS: 2 TO 124

L2 2 SEA SSS SAM L1

=> d scan

L2 2 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

ΙN Phosphonic acid, [[3-(3,4-dihydro-2,4-dioxo-1(2H)-pyrimidinyl)-2hydroxypropoxy]methyl]- (9CI) C8 H13 N2 O7 P

MF

CI COM

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 2 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

IN Phosphonic acid, [[3-(3,4-dihydro-5-methyl-2,4-dioxo-1(2H)-pyrimidinyl)-2hydroxypropoxy]methyl]-, (S)- (9CI) C9 H15 N2 O7 P

MF

COM CI

Absolute stereochemistry.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> s l1 sss ful

FULL SEARCH INITIATED 07:34:53 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 2128 TO ITERATE

100.0% PROCESSED 2128 ITERATIONS

SEARCH TIME: 00.00.01

L3 65 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS SINCE FILE TOTAL ENTRY SESSION

65 ANSWERS

FULL ESTIMATED COST 178.82 179.03

FILE 'CAPLUS' ENTERED AT 07:35:01 ON 31 AUG 2008
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http://www.cas.org/legal/infopolicy.html

=> s 13

L4 14 L3

=> d 14 1-14 bib hitstr

L4 ANSWER 1 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2007:1183769 CAPLUS

DN 149:201163

TI Bifunctional acyclic nucleoside phosphonates: 2. Symmetrical 2-{[bis(phosphono)methoxy]methyl}ethyl derivatives of purines and pyrimidines

AU Vrbkova, Silvie; Dracinsky, Martin; Holy, Antonin

CS Centre for New Antivirals and Antineoplastics, Gilead Sciences & IOCB Research Centre, Institute of Organic Chemistry and Biochemistry, Academy of Sciences of the Czech Republic, Prague, 16610/6, Czech Rep.

SO Collection of Czechoslovak Chemical Communications (2007), 72(7), 965-983 CODEN: CCCCAK; ISSN: 0010-0765

PB Institute of Organic Chemistry and Biochemistry, Academy of Sciences of the Czech Republic

DT Journal

LA English

IT 1041440-31-6P 1041440-32-7P 1041440-33-8P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)

(preparation of bifunctional acyclic nucleoside phosphonates as antiviral agents)

RN 1041440-31-6 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

RN 1041440-32-7 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

RN 1041440-33-8 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

IT 1041440-15-6P 1041440-17-8P 1041440-19-0P

1041440-24-7P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of bifunctional acyclic nucleoside phosphonates as antiviral agents)

RN 1041440-15-6 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

$$\begin{array}{c|c} & & & & & & \\ & & & & & \\ & & & & \\ &$$

RN 1041440-17-8 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

RN 1041440-19-0 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

$$\begin{array}{c|c} & & & & & & \\ & & & & & \\ & & & & \\ & & & & \\$$

RN 1041440-24-7 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

$$\begin{array}{c|c} & \text{OPr-i} \\ & \text{CH}_2-\text{O-CH}_2-\text{P-OPr-i} \\ & \text{O} & \text{OPr-i} \\ & \text{O} & \text{OPr-i} \\ & \text{O} & \text{N} \\ & \text{O} & \text{N} \\ & \text{O} & \text{H} \end{array}$$

RE.CNT 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT

- L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
- AN 2006:186166 CAPLUS
- DN 146:142935
- TI Synthesis of aminopropyl phosphonate nucleosides with purine and pyrimidine bases
- AU Zhou, Ding; Lagoja, Irene M.; Van Aerschot, Arthur; Herdewijn, Piet
- CS Laboratory of Medicinal Chemistry, Rega Institute, Louvain, B-3000, Belg.
- SO Collection of Czechoslovak Chemical Communications (2006), 71(1), 15-34 CODEN: CCCCAK; ISSN: 0010-0765
- PB Institute of Organic Chemistry and Biochemistry, Academy of Sciences of the Czech Republic
- DT Journal
- LA English
- OS CASREACT 146:142935
- IT 918868-81-2P 918868-83-4P 918869-18-8P

918869-19-9P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)

(preparation and antiviral activity of aminopropyl acyclic nucleotide phosphonates via phosphorylation and Mitsunobu reaction)

- RN 918868-81-2 CAPLUS
- CN Phosphonic acid, P-[[2-amino-3-(3,4-dihydro-2,4-dioxo-1(2H)-pyrimidinyl)propoxy]methyl]- (CA INDEX NAME)

- RN 918868-83-4 CAPLUS

- RN 918869-18-8 CAPLUS
- CN Phosphonic acid, P-[[[3-(3,4-dihydro-2,4-dioxo-1(2H)-pyrimidinyl)-2-hydroxypropyl]amino]methyl]- (CA INDEX NAME)

RN 918869-19-9 CAPLUS

CN Phosphonic acid, P-[[[3-(4-amino-2-oxo-1(2H)-pyrimidinyl)-2-hydroxypropyl]amino]methyl]- (CA INDEX NAME)

$$O$$
 OH $CH_2-CH-CH_2-NH-CH_2-PO_3H_2$ H_2N

IT 918868-70-9P 918868-74-3P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and antiviral activity of aminopropyl acyclic nucleotide phosphonates via phosphorylation and Mitsunobu reaction)

RN 918868-70-9 CAPLUS

CN Phosphonic acid, P-[[2-azido-3-(3,4-dihydro-2,4-dioxo-1(2H)-pyrimidinyl)propoxy]methyl]-, bis(1-methylethyl) ester (CA INDEX NAME)

$$\begin{array}{c|c} & \text{N3} & \text{O} \\ & \text{CH}_2-\text{CH}-\text{CH}_2-\text{O}-\text{CH}_2-\text{P}-\text{OPr-i} \\ & \text{OPr-i} \end{array}$$

RN 918868-74-3 CAPLUS

CN Phosphonic acid, P-[[3-(4-amino-2-oxo-1(2H)-pyrimidinyl)-2-azidopropoxy]methyl]-, bis(1-methylethyl) ester (CA INDEX NAME)

RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2005:1319229 CAPLUS

DN 145:211282

TI Synthesis and antiviral evaluation of novel exo-methylene acyclic nucleosides and phosphonic acid nucleosides

AU Kim, Aihong; Hong, Joon Hee

CS College of Pharmacy, Chosun University, Kwangju, S. Korea

SO Archiv der Pharmazie (Weinheim, Germany) (2005), 338(11), 528-533 CODEN: ARPMAS; ISSN: 0365-6233

PB Wiley-VCH Verlag GmbH & Co. KGaA

DT Journal

LA English

OS CASREACT 145:211282

IT 170452-57-0P 905306-35-6P 905306-36-7P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL
(Biological study); PREP (Preparation)

(synthesis and antiviral evaluation of novel exomethylene acyclic nucleosides and phosphonic acid nucleosides)

RN 170452-57-0 CAPLUS

CN Phosphonic acid, [[[2-[(4-amino-2-oxo-1(2H)-pyrimidinyl)methyl]-2-propenyl]oxy]methyl]- (9CI) (CA INDEX NAME)

RN 905306-35-6 CAPLUS

CN Phosphonic acid, [[[2-[(3,4-dihydro-2,4-dioxo-1(2H)-pyrimidinyl)methyl]-2-propenyl]oxy]methyl]- (9CI) (CA INDEX NAME)

RN 905306-36-7 CAPLUS

CN Phosphonic acid, [[[2-[(3,4-dihydro-5-methyl-2,4-dioxo-1(2H)-pyrimidinyl)methyl]-2-propenyl]oxy]methyl]- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} \text{CH}_2 \\ \text{Me} \\ \text{O} \\ \text{N} \\ \text{O} \\ \text{H} \end{array} \\ \text{O} \\ \begin{array}{c} \text{CH}_2 \\ \text{C} \\$$

IT 905306-32-3P 905306-33-4P 905306-34-5P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(synthesis and antiviral evaluation of novel exomethylene acyclic nucleosides and phosphonic acid nucleosides)

RN 905306-32-3 CAPLUS

CN Phosphonic acid, [[[2-[(4-amino-2-oxo-1(2H)-pyrimidinyl)methyl]-2-propenyl]oxy]methyl]-, bis(1-methylethyl) ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} \text{CH2} & \text{O} \\ | \\ \text{CH2} - \text{C-CH2} - \text{O-CH2} - \text{P-OPr-i} \\ | \\ \text{OPr-i} \end{array}$$

RN 905306-33-4 CAPLUS

CN Phosphonic acid, [[[2-[(3,4-dihydro-2,4-dioxo-1(2H)-pyrimidinyl)methyl]-2-propenyl]oxy]methyl]-, bis(1-methylethyl) ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} \mathsf{CH}_2 & \mathsf{O} \\ \parallel & \parallel \\ \mathsf{CH}_2 - \mathsf{C} - \mathsf{CH}_2 - \mathsf{O} - \mathsf{CH}_2 - \mathsf{P} - \mathsf{OPr} - \mathsf{i} \\ \parallel & \mathsf{OPr} - \mathsf{i} \end{array}$$

RN 905306-34-5 CAPLUS

CN Phosphonic acid, [[[2-[(3,4-dihydro-5-methyl-2,4-dioxo-1(2H)-pyrimidinyl)methyl]-2-propenyl]oxy]methyl]-, bis(1-methylethyl) ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} \text{CH}_2 & \text{O} \\ \parallel & \parallel \\ \text{Me} & \text{CH}_2-\text{C-CH}_2-\text{O-CH}_2-\text{P-OPr-i} \\ \text{O} & \text{OPr-i} \\ \end{array}$$

RE.CNT 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT

```
ANSWER 4 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
L4
       2005:216597 CAPLUS
ΑN
DN
       142:291323
       Compositions and methods for the treatment of severe acute respiratory
TI
       syndrome (SARS)
IN
       Hardee, Greg; Dellamary, Luis
PA
       Isis Pharmaceuticals, Inc., USA
       PCT Int. Appl., 217 pp.
SO
       CODEN: PIXXD2
DT
       Patent
       English
LA
FAN.CNT 1
       PATENT NO.
                                 KIND DATE
                                                            APPLICATION NO.
                                                                                             DATE
       _____
                                  ____
                                             -----
                                                              _____
       WO 2005020885
                                   A2
                                             20050310
                                                             WO 2004-US16196
                                                                                               20040521
PΙ
                                   A3 20050804
       WO 2005020885
            W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
                  CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
            CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BI, CF, CG, CT, CM, GA, GN, GO, GW, ML, MR, NE
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                  SN, TD, TG
PRAI US 2003-472774P
                                    Ρ
                                             20030521
       847647-90-9
       RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL
       (Biological study); USES (Uses)
           (compns. and methods for treatment of severe acute respiratory
           syndrome)
RN
       847647-90-9 CAPLUS
CN
       Phosphonic acid, [[3-(4-amino-2-oxo-1(2H)-pyrimidinyl)-1-oxopropyl](2-
       methoxyethyl)amino]methyl]- (9CI) (CA INDEX NAME)
```

ΙT

839711-05-6P 839711-06-7P 839711-07-8P

```
ANSWER 5 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
T.4
ΑN
      2005:120948 CAPLUS
      142:197761
DN
      Preparation of nucleobase phosphonate analogs for antiviral treatment and
TΙ
      as retroviral reverse transcriptase inhibitors
IN
      Krawczyk, Steven H.
PA
      Gilead Sciences, Inc., USA
      PCT Int. Appl., 140 pp.
SO
      CODEN: PIXXD2
DT
      Patent
      English
LA
FAN.CNT 1
                              KIND DATE
                                                       APPLICATION NO.
      PATENT NO.
                                                                                     DATE
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                                         _____
      WO 2005012324
                                A2
                                         20050210
                                                       WO 2004-US24922
                                                                                       20040730
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                               А3
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      AU 2004260789
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      CA 2533966
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      EP 1656387
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      JP 2007500727
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      US 20060252729
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                                         20061109
                                                        US 2006-566819
                                                                                       20060127
PRAI US 2003-491123P
                                 Ρ
                                         20030730
      WO 2004-US24922
                                 W
                                         20040730
      CASREACT 142:197761; MARPAT 142:197761
OS
ΙT
      839711-08-9P
      RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
      (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
       (Uses)
           (preparation of nucleobase phosphonate analogs for antiviral treatment and
          as retroviral reverse transcriptase inhibitors)
      839711-08-9 CAPLUS
RN
      Diphosphoric acid, monoanhydride with [[3-(4-amino-2-oxo-1(2H)-
CN
      pyrimidinyl)-4-hydroxy-2-methylenebutoxy]methyl]phosphonic acid (9CI) (CA
      INDEX NAME)
                 CH - C - CH_2 - O - CH_2 - P - O - P - OPO_3H_2
                     CH<sub>2</sub>
```

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of nucleobase phosphonate analogs for antiviral treatment and as retroviral reverse transcriptase inhibitors)

RN 839711-05-6 CAPLUS

CN Phosphonic acid, [[3-[4-(benzoylamino)-2-oxo-1(2H)-pyrimidinyl]-4-[[(1,1-dimethylethyl)dimethylsilyl]oxy]-2-methylenebutoxy]methyl]-, bis(1-methylethyl) ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & \text{Me} \\ & \downarrow \\ \text{CH}_2-\text{O-Si-Bu-t} \\ & \downarrow \\ \text{Me} & 0 \\ \text{Me} & 0 \\ \text{CH-C-CH}_2-\text{O-CH}_2-\text{P-OPr-i} \\ \downarrow \\ \text{CH}_2 & \text{OPr-i} \\ \end{array}$$

RN 839711-06-7 CAPLUS

CN Phosphonic acid, [[3-(4-amino-2-oxo-1(2H)-pyrimidinyl)-4-[[(1,1-dimethylethyl)dimethylsilyl]oxy]-2-methylenebutoxy]methyl]-, bis(1-methylethyl) ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & \text{Me} \\ & \\ \text{CH}_2\text{-O-Si-Bu-t} \\ & \\ & \text{Me} \\ & \\ \text{O} \\ & \text{Me} \\ & \\ \text{O} \\ & \\ \text{CH-C-CH}_2\text{-O-CH}_2\text{-P-OPr-i} \\ & \\ & \\ \text{CH}_2 \\ & \\ & \text{OPr-i} \end{array}$$

RN 839711-07-8 CAPLUS

CN Phosphonic acid, [[3-(4-amino-2-oxo-1(2H)-pyrimidinyl)-4-hydroxy-2-methylenebutoxy]methyl]- (9CI) (CA INDEX NAME)

```
ANSWER 6 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
L4
      2004:1059365 CAPLUS
ΑN
DN
      142:49190
      Nucleoside analogs as viral polymerase inhibitors
TI
IN
      Chand, Pooran; Babu, Yarlagadda S.; El-Kattan, Yahya; Wu, Minwan
PΑ
      Biocryst Pharmaceutical, Inc., USA
SO
      PCT Int. Appl., 57 pp.
      CODEN: PIXXD2
DT
      Patent
LA
      English
FAN.CNT 1
                              KIND DATE
      PATENT NO.
                                                      APPLICATION NO.
                              ____
                               A1 20041209 WO 2003-US15169
      WO 2004106350
                                                                                   20030514
PΙ
           W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
                CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
                PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA,
                UG, US, UZ, VN, YU, ZA, ZM, ZW
           RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
                           A1 20050121 AU 2003-234563
      AU 2003234563
PRAI WO 2003-US15169
                                Α
                                       20030514
     MARPAT 142:49190
      612054-68-9 612054-68-9D, pivaloyl derivs.
ΤТ
      643028-44-8 643028-44-8D, pivaloyl derivs.
      RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL
      (Biological study); USES (Uses)
          (nucleoside analogs as viral polymerase inhibitors)
      612054-68-9 CAPLUS
RN
CN
      Phosphonic acid, [[3-(4-amino-2-oxo-1(2H)-pyrimidinyl)-4-
      hydroxybutoxy]methyl]- (9CI) (CA INDEX NAME)
                СH-CH<sub>2</sub>-CH<sub>2</sub>-O-CH<sub>2</sub>-PO<sub>3</sub>H<sub>2</sub>
```

RN 612054-68-9 CAPLUS

H₂N

CN Phosphonic acid, [[3-(4-amino-2-oxo-1(2H)-pyrimidinyl)-4-hydroxybutoxy]methyl]- (9CI) (CA INDEX NAME)

RN 643028-44-8 CAPLUS

CN Phosphonic acid, [[3-(3,4-dihydro-2,4-dioxo-1(2H)-pyrimidinyl)-4-hydroxybutoxy]methyl]- (9CI) (CA INDEX NAME)

RN 643028-44-8 CAPLUS

CN Phosphonic acid, [[3-(3,4-dihydro-2,4-dioxo-1(2H)-pyrimidinyl)-4-hydroxybutoxy]methyl]- (9CI) (CA INDEX NAME)

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT

```
ANSWER 7 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
L4
      2004:60139 CAPLUS
ΑN
DN
      140:122756
      Nucleotides, preparation thereof and use as antiviral agents and
TΙ
      inhibitors of RNA viral polymerases
      Babu, Yarlaqadda S.; Chand, Pooran; El-Kattan, Yahya; Wu, Minwan
IN
PA
      Biocryst Pharmaceuticals, Inc., USA
      U.S. Pat. Appl. Publ., 22 pp., Cont.-in-part of Appl. No. PCT/US02/36621.
SO
      CODEN: USXXCO
DT
      Patent
      English
LA
FAN.CNT 3
      PATENT NO.
                              KIND
                                        DATE
                                                       APPLICATION NO.
                                                                                     DATE
      _____
                               ____
                                         _____
                                                        _____
                                         20040122
                                                       US 2003-437179
      US 20040014722
                               A1
                                                                                      20030514
PΤ
      WO 2003087298
                                Α2
                                                       WO 2002-US36621
                                         20031023
                                                                                      20021114
      WO 2003087298
                                А3
                                         20031224
           W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
                CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
           LS, LI, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CT, CM, CA, CN, CO, CM, MI, MD, NE, SN, TD, TC
                CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
      US 20060122391 A1 20060608 US 2005-269819
                                                                                      20051109
      US 7388002
                                В2
                                         20080617
                               P
PRAI US 2001-331322P
                                         20011114
      WO 2002-US36621
                               A2
                                         20021114
      US 2003-437179
                                 Α2
                                         20030514
      MARPAT 140:122756
OS
ΙT
      612054-68-9P 643028-44-8P
      RL: BSU (Biological study, unclassified); PNU (Preparation, unclassified);
      BIOL (Biological study); PREP (Preparation)
          (nucleotides, preparation thereof and use as antiviral agents and inhibitors
          of RNA viral polymerases)
RN
      612054-68-9 CAPLUS
CN
      Phosphonic acid, [[3-(4-amino-2-oxo-1(2H)-pyrimidinyl)-4-
      hydroxybutoxy]methyl]- (9CI) (CA INDEX NAME)
                CH2-OH
                {\tt CH-CH_2-CH_2-O-CH_2-PO_3H_2}
```

```
ANSWER 8 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
L4
ΑN
      2003:837226 CAPLUS
DN
      139:302020
      Synthesis of nucleosides for use as inhibitors of RNA viral RNA-dependent
TΙ
      RNA polymerases
IN
      Babu, Yarlaqadda S.; Chand, Pooran; El-kattan, Yahya; Wu, Minwan
PA
      Biocryst Pharmaceuticals, Inc., USA
      PCT Int. Appl., 35 pp.
SO
      CODEN: PIXXD2
DT
      Patent
      English
LA
FAN.CNT 3
                             KIND DATE
                                                   APPLICATION NO.
      PATENT NO.
                                                                                DATE
      _____
                             ____
                                       _____
                                                     _____
      WO 2003087298
                              A2
                                       20031023
                                                    WO 2002-US36621
                                                                                 20021114
PΙ
                              А3
                                     20031224
      WO 2003087298
           W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
          W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
                                    20031023
      CA 2466301
                               Α1
                                                   CA 2002-2466301
                                                                                  20021114
      AU 2002365935
                               Α1
                                       20031027
                                                      AU 2002-365935
                                                                                  20021114
      EP 1450809
                               Α2
                                       20040901
                                                     EP 2002-807245
                                                                                  20021114
              AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
                IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK
      JP 2005519983
                          T
                                                   JP 2003-584242
                                     20050707
                                                                                  20021114
      HU 2005001070
                              A2
                                    20060428
                                                     HU 2005-1070
                                                                                  20021114
      US 20040014722
                             A1 20040122
                                                    US 2003-437179
                                                                                  20030514
      IN 2004KN00571
                              A
                                     20060519
                                                    IN 2004-KN571
                                                                                 20040505
                                     20040910
      MX 2004PA04621
                                                    MX 2004-PA4621
                                                                                 20040514
                              A
                             A1 20050210
A1 20060608
      US 20050033051
                                                     US 2004-496116
                                                                                  20040519
                                                    US 2005-269819
      US 20060122391
                                                                                  20051109
      US 7388002
                              B2 20080617
                             P
W
PRAI US 2001-331322P
                                     20011114
      WO 2002-US36621
                                     20021114
                              A2
      US 2003-437179
                                     20030514
      MARPAT 139:302020
OS
ΙT
      612054-58-7P
      RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
      (Reactant or reagent)
          (synthesis of nucleosides for use as inhibitors of RNA viral
          RNA-dependent RNA polymerases)
RN
      612054-58-7 CAPLUS
CN
      Phosphonic acid, [[3-[4-(benzoylamino)-2-oxo-1(2H)-pyrimidinyl]-4-
      (triphenylmethoxy)butoxy]methyl]-, bis(1-methylethyl) ester (9CI) (CA
      INDEX NAME)
```

$$\begin{array}{c|c} \text{CH}_2\text{-O-CPh}_3 & \text{O} \\ \text{CH-CH}_2\text{-CH}_2\text{-O-CH}_2 & \text{P-OPr-S} \\ \text{OPr-i} \\ \text{Ph-C-NH} \end{array}$$

IT 612054-68-9P 612054-69-0P

RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(synthesis of nucleosides for use as inhibitors of RNA viral RNA-dependent RNA polymerases)

RN 612054-68-9 CAPLUS

CN Phosphonic acid, [[3-(4-amino-2-oxo-1(2H)-pyrimidinyl)-4-hydroxybutoxy]methyl]- (9CI) (CA INDEX NAME)

RN 612054-69-0 CAPLUS

CN Diphosphoric acid, monoanhydride with [[3-(4-amino-2-oxo-1(2H)-pyrimidinyl)-4-hydroxybutoxy]methyl]phosphonic acid (9CI) (CA INDEX NAME)

```
L4 ANSWER 9 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
```

AN 1995:786680 CAPLUS

DN 124:30236

OREF 124:5814h,5815a

TI Synthesis of optically pure "open-chain" nucleotide derivatives of asymmetrized tris(hydroxymethyl)methane

AU Guanti, Giuseppe; Merlo, Valeria; Narisano, Enrica

CS Istituto Chimica Organica Universita, C.N.R., Genoa, I-16132, Italy

SO Tetrahedron (1995), 51(35), 9737-46 CODEN: TETRAB; ISSN: 0040-4020

PB Elsevier

DT Journal

LA English

OS CASREACT 124:30236

IT 171612-43-4P 171612-46-7P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(synthesis of optically pure "open-chain" phosphonomethoxy analogs of CMP containing the tris(hydroxymethyl)methane moiety)

RN 171612-43-4 CAPLUS

CN Phosphonic acid, [[2-[(4-amino-2-oxo-1(2H)-pyrimidiny1)methy1]-3-[(phenylmethoxy)methoxy]propoxy]methyl]-, diethyl ester, (R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

RN 171612-46-7 CAPLUS

CN Phosphonic acid, [[3-(4-amino-2-oxo-1(2H)-pyrimidiny1)-2- [(methoxymethoxy)methyl]propoxy]methyl]-, diethyl ester, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).

IT 141700-04-1P 171612-44-5P 171612-48-9P

RL: SPN (Synthetic preparation); PREP (Preparation)

(synthesis of optically pure "open-chain" phosphonomethoxy analogs of CMP containing the tris(hydroxymethyl)methane moiety)

RN 141700-04-1 CAPLUS

CN Phosphonic acid, [[3-(4-amino-2-oxo-1(2H)-pyrimidinyl)-2-(hydroxymethyl)propoxy]methyl]-, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 171612-44-5 CAPLUS

CN Phosphonic acid, [[3-(4-amino-2-oxo-1(2H)-pyrimidinyl)-2-(hydroxymethyl)propoxy]methyl]-, (R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

$$N$$
 N
 R
 O
 PO_3H_2
 H_2N
 OH

RN 171612-48-9 CAPLUS

CN Phosphonic acid, [[3-(4-amino-2-oxo-1(2H)-pyrimidinyl)-2- (hydroxymethyl)propoxy]methyl]-, diethyl ester, (R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1995:666574 CAPLUS

DN 123:340710

OREF 123:61171a,61174a

TI Synthesis and antiviral activity of rigid acyclonucleotide analogs

AU Casara, Patrick J.; Altenburger, Jean-Michel; Taylor, Debra L.; Tyms, A. Stanley; Kenny, Michael; Nave, Jean-Francois

CS Marion Merrell Dow Res. Inst., Strasbourg, 67080, Fr.

SO Bioorganic & Medicinal Chemistry Letters (1995), 5(12), 1275-80 CODEN: BMCLE8; ISSN: 0960-894X

PB Elsevier

DT Journal

LA English

IT 170452-57-0P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)

(preparation and antiviral activity of rigid acyclonucleotide analogs)

RN 170452-57-0 CAPLUS

CN Phosphonic acid, [[[2-[(4-amino-2-oxo-1(2H)-pyrimidinyl)methyl]-2-propenyl]oxy]methyl]- (9CI) (CA INDEX NAME)

IT 170452-64-9P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and antiviral activity of rigid acyclonucleotide analogs)

RN 170452-64-9 CAPLUS

CN Phosphonic acid, [[[2-[[4-(acetylamino)-2-oxo-1(2H)-pyrimidinyl]methyl]-2-propenyl]oxy]methyl]-, diethyl ester (9CI) (CA INDEX NAME)

```
ANSWER 11 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
T.4
AN
    1992:427058 CAPLUS
DN
    117:27058
OREF 117:4915a,4918a
    Preparation of hydroxyphosphonomethoxypropyl nucleosides.
    Vemishetti, Purushotham; Brodfuehrer, Paul R.; Howell, Henry G.; Sapino,
IN
    Chester, Jr.
    Bristol-Myers Squibb Co., USA
PA
    PCT Int. Appl., 43 pp.
    CODEN: PIXXD2
DT
    Patent
T.A
    English
FAN.CNT 1
    PATENT NO.
                     KIND DATE
                                      APPLICATION NO.
                                                             DATE
                             _____
                      ____
                                        _____
                                                             _____
    WO 9202511
                      A1 19920220
PΙ
                                       WO 1991-US5578
                                                             19910806
       W: AU, CA, FI, JP, KR
        RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE
    CA 2088363
                      A1 19920211 CA 1991-2088363
                                                             19910806
    CA 2088363
                       С
                             20020528
    AU 9184928
                       Α
                             19920302
                                       AU 1991-84928
                                                             19910806
    AU 653552
                       В2
                             19941006
                      A1
    EP 574386
                             19931222
                                       EP 1991-915336
                                                             19910806
    EP 574386
                            20000628
                       В1
       R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE
    JP 06503807 T
                           19940428 JP 1991-514505
                                                            19910806
                      В2
    JP 3116079
                             20001211
                       Τ
    AT 194142
                            20000715 AT 1991-915336
                                                             19910806
                       Т3
    ES 2149157
                          20001101 ES 1991-915336
                                                             19910806
    CA 2347280
                      С
                          20041123 CA 1991-2347280
                                                             19910806
                           19951219
    US 5476938
                                       US 1992-822271
                      A
                                                             19920121
    US 5591852
                                       US 1995-482036
                      A
                            19970107
                                                             19950607
PRAI US 1990-566200
                            19900810
                      Α
    CA 1991-2088363
                      A3 19910806
    WO 1991-US5578
                      Α
                           19910806
    US 1992-822271
                       A3 19920121
OS
    MARPAT 117:27058
    141700-04-1P 141700-05-2P
    RL: BAC (Biological activity or effector, except adverse); BSU (Biological
    study, unclassified); SPN (Synthetic preparation); BIOL (Biological
    study); PREP (Preparation)
       (preparation of, as antiviral)
    141700-04-1 CAPLUS
RN
    Phosphonic acid, [[3-(4-amino-2-oxo-1(2H)-pyrimidinyl)-2-
CN
    (hydroxymethyl)propoxy]methyl]-, (S)- (9CI) (CA INDEX NAME)
```

Absolute stereochemistry.

RN 141700-05-2 CAPLUS

CN Phosphonic acid, [[3-(3,4-dihydro-2,4-dioxo-1(2H)-pyrimidinyl)-2-(hydroxymethyl)propoxy]methyl]- (9CI) (CA INDEX NAME)

L4 ANSWER 12 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1990:459543 CAPLUS

DN 113:59543

OREF 113:10083a,10086a

TI Method for the preparation of N-[3-hydroxy-2-(phosphonylmethoxy)propyl]pur ines and -pyrimidines

IN Holy, Antonin; Rosenberg, Ivan

PA Czech.

SO Czech., 7 pp.

CODEN: CZXXA9

DT Patent

LA Czech

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PRAI OS	CS 263955 CS 1986-5471 MARPAT 113:59543 127749-01-3P	B1	19890512 19860718	CS 1986-5471	19860718
	RL: SPN (Synthetic		tion); PREP	(Preparation)	

(preparation of) RN 127749-01-3 CAPLUS

CN Phosphonic acid, [[3-(3,4-dihydro-2,4-dioxo-1(2H)-pyrimidinyl)-2-hydroxypropoxy]methyl]-, disodium salt (9CI) (CA INDEX NAME)

•2 Na

```
L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
```

AN 1990:441200 CAPLUS

DN 113:41200

OREF 113:7023a,7026a

TI Synthesis and antiviral activity of (S)-9-[4-hydroxy-3-(phosphonomethoxy)butyl]quanine

AU Kim, Choung Un; Luh, Bing Yu; Martin, John C.

CS Pharm. Res. Dev. Div., Bristol-Myers Co., Wallingford, CT, 06492, USA

SO Journal of Medicinal Chemistry (1990), 33(6), 1797-800 CODEN: JMCMAR; ISSN: 0022-2623

DT Journal

LA English

OS CASREACT 113:41200

IT 127517-90-2P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)

(preparation and antiviral activity of)

RN 127517-90-2 CAPLUS

CN Phosphonic acid, [[3-(4-amino-2-oxo-1(2H)-pyrimidinyl)-1-(hydroxymethyl)propoxy]methyl]-, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

```
ANSWER 14 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
L4
     1990:441170 CAPLUS
ΑN
     113:41170
DN
OREF 113:7015a,7018a
     Acyclic nucleotide analogs. VI. Synthesis of (3-hydroxy-2-
     phosphonylmethoxypropyl) derivatives of heterocyclic bases
ΑU
     Holy, Antonin; Rosenberg, Ivan; Dvorakova, Hana
CS
     Inst. Org. Chem. Biochem., Czech. Acad. Sci., Prague, 166 10, Czech.
SO
     Collection of Czechoslovak Chemical Communications (1989), 54(9), 2470-501
     CODEN: CCCCAK; ISSN: 0010-0765
DT
     Journal
LA
    English
OS
    CASREACT 113:41170
ΙT
     127748-82-7P 127749-01-3P 127749-02-4P
     127749-03-5P 127749-04-6P 127749-28-4P
     127852-81-7P 127852-86-2P 127852-87-3P
     127852-88-4P 127852-89-5P
     RL: SPN (Synthetic preparation); PREP (Preparation)
        (preparation of)
RN
     127748-82-7 CAPLUS
     Phosphonic acid, [[3-(3,4-dihydro-5-methyl-2,4-dioxo-1(2H)-pyrimidinyl)-2-
CN
```

hydroxypropoxy]methyl]-, dilithium salt, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

●2 Li

RN 127749-01-3 CAPLUS
CN Phosphonic acid, [[3-(3,4-dihydro-2,4-dioxo-1(2H)-pyrimidinyl)-2-hydroxypropoxy]methyl]-, disodium salt (9CI) (CA INDEX NAME)

•2 Na

RN 127749-02-4 CAPLUS

CN Phosphonic acid, [[3-(4-amino-2-oxo-1(2H)-pyrimidinyl)-2-hydroxypropoxy]methyl]-, disodium salt (9CI) (CA INDEX NAME)

$$_{\rm H_2N}^{\rm OH}$$
 $_{\rm CH_2-CH-CH_2-O-CH_2-PO_3H_2}^{\rm OH}$

●2 Na

RN 127749-03-5 CAPLUS

CN Phosphonic acid, [[3-(4-amino-5-methyl-2-oxo-1(2H)-pyrimidinyl)-2-hydroxypropoxy]methyl]-, disodium salt (9CI) (CA INDEX NAME)

$$\begin{array}{c} \text{OH} \\ \text{Me} \\ \text{CH}_2-\text{CH}-\text{CH}_2-\text{O}-\text{CH}_2-\text{PO}_3\text{H}_2 \\ \\ \text{H}_2\text{N} \\ \text{N} \\ \text{O} \end{array}$$

•2 Na

RN 127749-04-6 CAPLUS

CN Phosphonic acid, [[3-(5-fluoro-3,4-dihydro-2,4-dioxo-1(2H)-pyrimidinyl)-2-hydroxypropoxy]methyl]-, disodium salt (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} \text{OH} & \text{OH} \\ \hline \\ \text{CH}_2-\text{CH}-\text{CH}_2-\text{O}-\text{CH}_2-\text{PO}_3\text{H}_2 \\ \hline \\ \text{O} & \text{N} & \text{O} \end{array}$$

•2 Na

RN 127749-28-4 CAPLUS

CN Phosphonic acid, [[3-(3,4-dihydro-5-methyl-2,4-dioxo-1(2H)-pyrimidinyl)-2-hydroxypropoxy]methyl]-, disodium salt, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

10/566,819

●2 Na

RN 127852-81-7 CAPLUS

CN Phosphonic acid, [[3-(3,4-dihydro-5-methyl-2,4-dioxo-1(2H)-pyrimidinyl)-2-hydroxypropoxy]methyl]-, disodium salt (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} \text{OH} & \text{OH} \\ \mid & \text{CH}_2-\text{CH}-\text{CH}_2-\text{O}-\text{CH}_2-\text{PO}_3\text{H}_2 \\ \hline \text{ON} & \text{O} \end{array}$$

•2 Na

RN 127852-86-2 CAPLUS

CN Phosphonic acid, [[3-(3,4-dihydro-2,4-dioxo-1(2H)-pyrimidinyl)-2-hydroxypropoxy]methyl]-, disodium salt, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

●2 Na

RN 127852-87-3 CAPLUS

CN Phosphonic acid, [[3-(4-amino-2-oxo-1(2H)-pyrimidinyl)-2-hydroxypropoxy]methyl]-, disodium salt, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

10/566,819

●2 Na

RN 127852-88-4 CAPLUS

CN Phosphonic acid, [[3-(4-amino-5-methyl-2-oxo-1(2H)-pyrimidinyl)-2-hydroxypropoxy]methyl]-, disodium salt, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

$$N$$
 O OH N N O PO3H2

•2 Na

RN 127852-89-5 CAPLUS

CN Phosphonic acid, [[3-(3,4-dihydro-2,4-dioxo-1(2H)-pyrimidinyl)-2-hydroxypropoxy]methyl]-, dilithium salt, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

•2 Li

=> log y COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 52.98 232.01

FULL ESTIMATED COST

STN INTERNATIONAL LOGOFF AT 07:35:30 ON 31 AUG 2008